

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. - 11. (cancelled)

12. (currently amended) A cosmetic preparation which is a sprayable translucent or transparent oil-in-water microemulsion having a particle diameter in the range from about 10^{-2} μm to about 10^{-1} μm and comprising

- an oil phase consisting essentially of constituents of low volatility and comprising which include at least one of an ester of an alkanecarboxylic acid with a chain length of from 3 to 30 carbon atoms and an alcohol with a chain length of from 3 to 30 carbon atoms, an ester of an aromatic carboxylic acid and an alcohol with a chain length of from 3 to 30 carbon atoms a C₁₂₋₁₅-alkyl benzoate, a hydrocarbon wax, a dialkyl ether, cyclomethicone, and hexamethylcyclotrisiloxane;

- an aqueous phase;

- one or more O/W emulsifiers selected from one or more of polyethoxylated emulsifiers, polypropoxylated emulsifiers, and polyethoxylated and polypropoxylated emulsifiers;

wherein the preparation is a cosmetic skin or hair cleansing preparation, a cosmetic skin or hair care preparation or a deodorant preparation and has a total emulsifier content of less than 20 % by weight, based on a total weight of the microemulsion.

13. (previously presented) The preparation of claim 12, wherein the preparation further

comprises at least one of a perfume, a dyestuff and a pigment with a coloring effect.

14. (previously presented) The preparation of claim 12, wherein the preparation further comprises an astringent.

15. (previously presented) The preparation of claim 12, wherein the preparation further comprises a sunscreen.

16. (previously presented) The preparation of claim 12, wherein the preparation further comprises at least one of a cosmetically acceptable wax, fat and oil.

17. (previously presented) The preparation of claim 12, wherein the preparation further comprises a detergents surfactant.

18. (cancelled)

19. (previously presented) The preparation of claim 12, wherein the preparation further comprises at least one cosmetically acceptable organic solvent.

20. (previously presented) The preparation of claim 12, wherein the preparation further comprises at least one moisturizing and/or moisture retaining substance.

21. (cancelled)

22. (cancelled)

23. (previously presented) The preparation of claim 12, wherein the preparation further comprises at least one W/O emulsifier.

24. (previously presented) The preparation of claim 23, wherein the at least one W/O emulsifier is selected from monoglycerol esters and diglycerol esters of alkanecarboxylic acids having a chain length of from 8 to 24 carbon atoms, monoglycerol ethers and diglycerol ethers of alcohols having a chain length of from 8 to 24 carbon atoms, propylene glycol esters of alkanecarboxylic acids having a chain length of from 8 to 24 carbon atoms, and sorbitan esters of alkanecarboxylic acids having a chain length of from 8 to 24 carbon atoms.

25. (cancelled)

26. (previously presented) The preparation of claim 24, wherein the at least one W/O emulsifier comprises at least one of glycerol monocaprate, glycetyl isostearate, glycetyl isolaurate, sorbitan isostearate and glycerol monooleate.

27. – 31. (cancelled)

32. (previously presented) The preparation of claim 12, wherein the preparation has a total emulsifier content of less than 10 % by weight.

33. (previously presented) The preparation of claim 12, wherein the preparation has a total emulsifier content of less than 8 % by weight.

34. (cancelled)

35. (previously presented) The preparation of claim 12, wherein the preparation is obtained by a process in which a mixture of base components comprising the oil phase, the aqueous phase, one or more of the O/W emulsifiers and, optionally, one or more substances selected from W/O emulsifiers, auxiliary substances and additives is brought to a temperature within or above a phase inversion temperature range and then cooled to room temperature.

36. (currently amended) A cosmetic preparation based on a translucent or transparent oil-in-water microemulsion having a particle diameter in the range from about 10^{-2} μm to about 10^{-1} μm and comprising

- an oil phase consisting essentially of constituents of low volatility and comprising which include at least one of an ester of an alkanecarboxylic acid with a chain length of from 3 to 30 carbon atoms and an alcohol with a chain length of from 3 to 30 carbon atoms, ~~an ester of an aromatic carboxylic acid and an alcohol with a chain length of from 3 to 30 carbon atoms~~ a C_{12-15} -alkyl benzoate, a

hydrocarbon wax, a dialkyl ether, cyclomethicone, and hexamethylcyclotrisiloxane;

- an aqueous phase;

- one or more O/W emulsifiers selected from

- polyethylene glycol ethers of formula $R-O-(CH_2-CH_2-O)_n-R'$, wherein R and R' are independently selected from alkyl and alkenyl radicals and n is a number of from 10 to 80;

- etherified fatty acid ethoxylates of formula $R-COO-(CH_2-CH_2-O)_n-R'$, wherein R and R' are independently selected from alkyl and alkenyl radicals and n is a number of from 10 to 80;

- esterified fatty acid ethoxylates of formula $R-COO-(CH_2-CH_2-O)_n-C(O)-R'$, wherein R and R' are independently selected from alkyl and alkenyl radicals and n is a number of from 10 to 80;

- cholesterol ethoxylates with a degree of ethoxylation of from 3 to 50;

- ethoxylated triglycerides with a degree of ethoxylation of from 3 to 100;

- alkyl ether carboxylic acids of formula $R-O-(CH_2-CH_2-O)_n-CH_2-COOH$ and cosmetically acceptable salts thereof, wherein R is an alkyl or alkenyl radical having from 5 to 30 carbon atoms and n is a number of from 5 to 30;

wherein the preparation is a cosmetic skin or hair cleansing preparation, a cosmetic skin or hair care preparation or a deodorant preparation and has a total emulsifier content of less than 10 % by weight, based on a total weight of the microemulsion.

37. (previously presented) The preparation of claim 36, wherein the preparation is a translucent or transparent oil-in-water microemulsion.

38. – 40. (cancelled)

41. (previously presented) A cosmetic preparation based on a translucent or transparent oil-in-water microemulsion having a particle diameter in the range from about 10^{-2} μm to about 10^{-1} μm and comprising

- an oil phase consisting essentially of constituents of low volatility;
- an aqueous phase;
- at least one W/O emulsifier;
- one or more O/W emulsifiers selected from
 - polyethylene glycol ethers of formula $\text{R-O}(-\text{CH}_2-\text{CH}_2-\text{O}-)_n\text{R}'$, wherein R and R' are independently selected from an alkyl and alkenyl radicals and n is a number of from 10 to 80;
 - etherified fatty acid ethoxylates of formula $\text{R-COO}(-\text{CH}_2-\text{CH}_2-\text{O}-)_n\text{R}'$, wherein R and R' are independently selected from an alkyl and alkenyl radicals and n is a number of from 10 to 80;
 - esterified fatty acid ethoxylates of formula $\text{R-COO}(-\text{CH}_2-\text{CH}_2-\text{O}-)_n\text{C}(\text{O})\text{R}'$, wherein R and R' are independently selected from an alkyl and alkenyl radicals and n is a number of from 10 to 80;
 - cholesterol ethoxylates with a degree of ethoxylation of from 3 to 50;
 - ethoxylated triglycerides with a degree of ethoxylation of from 3 to 100;
 - alkyl ether carboxylic acids of formula $\text{R-O}(-\text{CH}_2-\text{CH}_2-\text{O}-)_n\text{CH}_2\text{-COOH}$ and cosmetically acceptable salts thereof, wherein R is an alkyl or alkenyl radical having from 5 to 30 carbon atoms and n is a number of from 5 to 30;

wherein the preparation is a cosmetic skin or hair cleansing preparation, a cosmetic skin or hair care

preparation or a deodorant preparation and has a total emulsifier content of less than 10 % by weight, based on a total weight of the microemulsion.

42. (previously presented) The preparation of claim 41, wherein the preparation further comprises one or more substances selected from astringents, sunscreens, deterutive surfactants, cosmetically acceptable organic solvents and moisturizing and/or moisture retaining substances.

43. (previously presented) The preparation of claim 41, wherein the preparation is sprayable.

44. (previously presented) A cosmetic preparation based on a translucent or transparent oil-in-water microemulsion having a particle diameter in the range from about 10^{-2} μm to about 10^{-1} μm and comprising

- an oil phase consisting essentially of constituents of low volatility;
- an aqueous phase;
- one or more O/W emulsifiers selected from
 - polyethylene glycol ethers of formula $\text{R-O}(-\text{CH}_2-\text{CH}_2-\text{O}-)_n-\text{R}'$, wherein R and R' are independently selected from alkyl and alkenyl radicals and n is a number of from 10 to 80;
 - etherified fatty acid ethoxylates of formula $\text{R-COO}(-\text{CH}_2-\text{CH}_2-\text{O}-)_n-\text{R}'$, wherein R and R' are independently selected from alkyl and alkenyl radicals and n is a number of from 10 to 80;
 - esterified fatty acid ethoxylates of formula $\text{R-COO}(-\text{CH}_2-\text{CH}_2-\text{O}-)_n-\text{C}(\text{O})-\text{R}'$, wherein R and R' are independently selected from alkyl and alkenyl radicals and n is a number of from 10 to 80;

- cholesterol ethoxylates with a degree of ethoxylation of from 3 to 50;

- ethoxylated triglycerides with a degree of ethoxylation of from 3 to 100;

- alkyl ether carboxylic acids of formula $R-O(-CH_2-CH_2-O)_n-CH_2-COOH$ and cosmetically acceptable salts thereof, wherein R is an alkyl or alkenyl radical having from 5 to 30 carbon atoms and n is a number of from 5 to 30;

wherein the preparation is a cosmetic skin or hair cleansing preparation, a cosmetic skin or hair care preparation or a deodorant preparation and has a total emulsifier content of less than 10 % by weight, based on a total weight of the microemulsion.

45. (previously presented) The preparation of claim 36, wherein the preparation is a cosmetic skin cleansing preparation, a cosmetic skin care preparation or a deodorant preparation.

46. (previously presented) The preparation of claim 41, wherein the preparation is a cosmetic skin cleansing preparation, a cosmetic skin care preparation or a deodorant preparation.

47. (previously presented) The preparation of claim 44, wherein the preparation is a cosmetic skin cleansing preparation, a cosmetic skin care preparation or a deodorant preparation.

48. (previously presented) The preparation of claim 47, wherein the preparation further comprises at least one W/O emulsifier selected from monoglycerol esters and diglycerol esters of alkanecarboxylic acids having a chain length of from 8 to 24 carbon atoms, monoglycerol ethers and

diglycerol ethers of alcohols having a chain length of from 8 to 24 carbon atoms, propylene glycol esters of alkanecarboxylic acids having a chain length of from 8 to 24 carbon atoms, and sorbitan esters of alkanecarboxylic acids having a chain length of from 8 to 24 carbon atoms.

49. (currently amended) The preparation of claim 48, wherein the constituents of low volatility ~~comprise~~ include at least one of an ester of an alkanecarboxylic acid with a chain length of from 3 to 30 carbon atoms and an alcohol with a chain length of from 3 to 30 carbon atoms, ~~an ester of an aromatic carboxylic acid and an alcohol with a chain length of from 3 to 30 carbon atoms a C₁₂₋₁₅-alkyl benzoate~~, a hydrocarbon wax, a dialkyl ether, cyclomethicone, and hexamethylcyclotrisiloxane.

50. (previously presented) The preparation of claim 49, wherein the one or more O/W emulsifiers are selected from

- polyethylene glycol ethers of formula R-O-(-CH₂-CH₂-O-)_n-R', wherein R and R' are independently selected from alkyl and alkenyl radicals and n is a number of from 10 to 80;
- etherified fatty acid ethoxylates of formula R-COO-(-CH₂-CH₂-O-)_n-R', wherein R and R' are independently selected from alkyl and alkenyl radicals and n is a number of from 10 to 80;
- esterified fatty acid ethoxylates of formula R-COO-(-CH₂-CH₂-O-)_n-C(O)-R', wherein R and R' are independently selected from alkyl and alkenyl radicals and n is a number of from 10 to 80;
- cholesterol ethoxylates with a degree of ethoxylation of from 3 to 50; and
- ethoxylated triglycerides with a degree of ethoxylation of from 3 to 100.

51. (new) The preparation of claim 12, wherein the preparation is a cosmetic skin or hair cleansing preparation.

52. (new) The preparation of claim 12, wherein the preparation is a cosmetic skin care preparation.

53. (new) The preparation of claim 12, wherein the preparation is a cosmetic hair care preparation.

54. (new) The preparation of claim 14, wherein the preparation is a deodorant preparation.

55. (new) The preparation of claim 14, wherein the astringent comprises a basic aluminum chloride.